

# LINC 81: USING DIGITAL IMAGES

## Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2022
Units:	1
Hours:	1 lecture per week (12 total per quarter)
Advisory:	Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using web browsers, email, bookmarking, searching and downloading; not open to students with credit in LINC 257.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

## Student Learning Outcomes

- Edit and manipulate digital images using commercial or free online software
- Evaluate online image storage and sharing services
- Incorporate digital images into other software applications for presentations, page layout, image galleries, web sites, video, etc.

## Description

An introduction to digital image acquisition, manipulation, use, and storage. Students will learn to find, edit, and use images in any software application for educational, business, or social purposes. Online image storage and sharing services will be evaluated. Students produce a gallery of images based on themes or categories.

## Course Objectives

The student will be able to:

1. Define graphic formats of digital images
2. Find online or software sources of images
3. Create digital images
4. Edit and manipulate digital images
5. Incorporate digital images into software applications
6. Evaluate online image storage and sharing services

## Course Content

1. Define graphic image file formats
2. Find online sources of images
  - a. Image collection sites
  - b. Creative commons licensing and attribution
  - c. Copyright and fair use guidelines

3. Create digital images
  - a. Digital camera
  - b. Scanner
  - c. Computer camera
4. Edit and manipulate digital images
  - a. Online image editing software
  - b. Computer software applications
5. Incorporate digital images into software applications
  - a. Export from image editing software
  - b. Import to an application
  - c. Editing inside the application
  - d. Adding citations for images
6. Evaluate online image storage and sharing services
  - a. Free online sources
  - b. Fee-based services

## Lab Content

Not applicable.

## Special Facilities and/or Equipment

1. When offered on/off campus: Lecture room equipped with LCD projector, whiteboard, and a demonstration computer connected online. Computer laboratories equipped with online PCs and/or Macintosh computers, network server access, and printers.
2. When taught via the internet: Students must have current email accounts and/or ongoing access to internet capable computers or tablets.

## Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- Developing a photo gallery project with themes or categories
- Presenting the project to peers for feedback
- Making constructive contributions to class discussions

## Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

- Lecture presentations delivered in student-centered learning style
- Facilitated discussions of live presentations, readings or video presentations
- Student presentations in small group and whole class situations

## Representative Text(s) and Other Materials

Stewart, Sandra, David Dabner, and Abbie Vickress. [Graphic Design School: The Principles and Practice of Graphic Design](#). 2020.

Instructor-assigned notes and materials.

When course is taught online: Additional information, notes, handouts, syllabus, assignments, tests, and other relevant course material will be delivered via the course learning management system, and discussion may be handled with internet communication tools.

## **Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments**

1. Each class session requires the student to read and analyze selected websites or student projects related to that session's topics. Class discussion is encouraged
2. Each session's topic requires a written response to a prompt that is turned in for instructor or peer review. Each prompt is designed to be a draft of a section of the student's completed project. Instructor feedback should be reflected in the final product
3. When taught online these methods may take the form of video, audio, animation and webpage presentations. Assignments will be submitted online as well

## **Discipline(s)**

Instructional Design/Technology